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PTO/SB/21 (05-03)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/677,451
	Filing Date	October 2, 2003
	First Named Inventor	Gordeev
	Art Unit	1614
	Examiner Name	not yet available
Total Number of Pages in This Submission	Attorney Docket Number	1170.US1

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Pharmacia & Upjohn Company, John H. Engelmann (28,075)
Signature	<i>John Engelmann</i>
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# LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.

01170.US1

Serial No.

10/677,451

Applicant

M. F. Gordeev, et al.

Filing Date

10/02/2003

1614

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	5,011,472	April 30, 1991	Aebischer et al.	604	50	
	AB	5,023,252	June 11, 1991	Hseih	514	183	
	AC	20020086900	July 4, 2002	W.R. Perrault et al	514	478	
	AD	4,837,028	June 6, 1989	Allen	424	450	
	AE	4,501,728	Feb. 26, 1985	Geho et al.	424	38	
	AF	4,235,871	Nov. 25, 1980	Papahadjopoulos et al.	424	19	
	AG	4,183,857	Jan. 15, 1980	Kollmeyer	260	326.5 B	

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AH	WO 03/027083	April 3, 2003	WIPO	C07D	263/24		
	AI	WO 02/06278	Jan. 24, 2002	WIPO	C07D	413/14		
	AJ	WO 01/81350	Nov. 1, 2001	WIPO	C07D	491/10		
	AK	WO 01/46185	June 28, 2001	WIPO	C07D	417/10		
	AL	WO 00/21960	April 20, 2000	WIPO	C07D	413/14		
	AM	WO 00/10566	March 2, 2000	WIPO	A61K	31/42		
	AN	WO 99/64417	Dec. 16, 1999	WIPO	C07D	413/14		
	AO	WO 99/41244	Aug. 19, 1999	WIPO	C07D	261/04		
	AP	WO 98/54161	Dec. 3, 1998	WIPO	C07D	263/20		
	AQ	WO 96/01262	January 18, 1996	WIPO	C07D	487/08		
	AR	WO 95/07271	March 16, 1995	WIPO	C07D	263/20		
	AS	WO 93/23384	Nov. 25, 1993	WIPO	C07D	263/20		
	AT	EP 0807630 A1	Feb. 1, 1996	Europe	C07D	401/04		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	Advanced Organic Chemistry", 4 <sup>th</sup> edition, Chapter 4, J. March, John Wiley & Sons, New York, "Stereochemistry", (1992) 94-130
	AV	M. R. Barbachyn, et al., J. Med. Chem (1996), 39,680-685 XP000574382
	AW	K. E. Brighty and M.J. Castaldi, in Synlett p. 1097-1099 (November 1996)

<b>LIST OF REFERENCES CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		<b>Atty. Docket No.</b> 01170.US1	<b>Serial No.</b> 10/677,451
		<b>Applicant</b> M. F. Gordeev, et al.	
		<b>Filing Date</b> 10/02/2003	1614
	AX	S. L. Buchwald, et al., J. Am. Chem. Soc. 122(7), 1360-1370 (2000)	
	AY	N. K. Chaudhuri and T. J. Ball, in J. Org. Chem., Vol 47, 5196-5198 (1982)	
	AZ	Fabiano et al., Synthesis, p. 190-192 (1987)	
	BA	P. J. Kocienski, "Protecting Groups"; Publisher: George Thieme Verlag: Stuttgart, 195-199 (1994)	
	BB	Q. Lin, et al., J. Med. Chem. (1996), 39, 3070-3088 XP-002064518	
	BC	Mahmood et al., J. Org. Chem., 63, 3333-3336 (1998)	
	BD	C. Pedregal, et al., Tet. Lett. 38, 2133-2136, (1997)	
	BE	Reusch in Reduction, Augustine Ed.; Marcel Dekker: New York, 171-211 (1968)	
	BF	Rylander, Hydrogenation Methods; Academic Press: New York, 104-116 (1985)	
	BG	Zoltewicz, in Top. Curr. Chem. Chem. Vol 59, 33-64 (1975)	
Examiner		Date Considered	